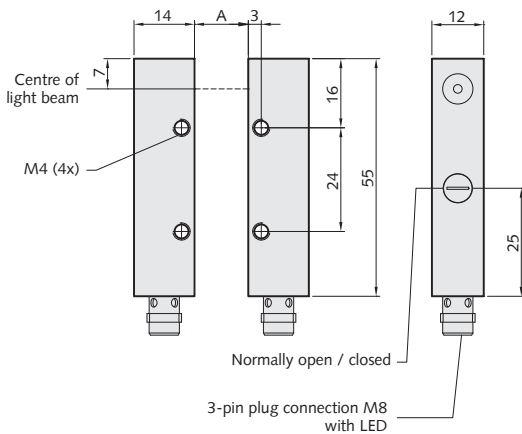


PGI series

Split infrared light barriers with integrated amplifier – connector M8 – 3-pin

KISTLER

measure. analyze. innovate.



Application

Feed control
Position control
Counting parts

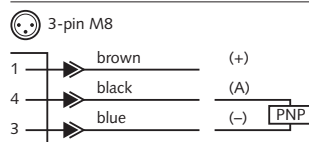
Specifications

Circuit	Chopped light trigger
Operating voltage	12 – 30 VDC
Current consumption	max. 60 mA
Mode of operation	static
Output with LED	PNP
Function	normally open/closed
Load current	200 mA short-circuit proof
Repeating accuracy	< 0.1 mm
Frequency	4 KHz
Temperature range	0°C – 60°C
EMC according to 2014/30/EU	EN 61000... CE
System of protection	IP 65
General tolerance of the housing	DIN ISO 2768-m

Resolution

Max. distance A [mm]:	700
Part diameter [mm]:	> 1.4

Pin configuration



Article	Order No.
Split light barrier with separate transmitter and receiver:	
PGI/W-3-P	6450-00000-3022
PGI/W-3-P (S)	6450-40000-3022
PGI/W-3-P (E)	6450-50000-3022

Accessories (more accessories, see last pages)

Article	Order No.
Connection cable:	
VK-M8-g-2/M12 (2 m, straight)	2111-71002-0304
VK-M8-w-2/M12 (2 m, angled)	2111-71002-1304
VK-M8-g (5 m, straight)	2111-00005-0300
VK-M8-w (5 m, angled)	2111-00005-1300